

Welcome to the Annual Montana Government IT Conference



2014 Montana Government Information Technology Conference Summary

**December 8 – 12, 2014
Red Lion Colonial Inn
Helena, Montana**

Conference Partners

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2014 Montana Government Information Technology Conference

Tuesday, December 9, 2014

7:30 am (Hotel Lobby)	Conference Registration Opens (Hotel Lobby)		
7:30 am – 9:30 am (Capitol/State)	CIO Breakfast The CIO breakfast is open to public sector CIOs (managers of IT organizations) as well as managers of private sector IT businesses. This ‘sit-down’ breakfast will provide for conversation among the various IT leaders, both public sector and private. Each public and private organization is asked to provide one attendee to this event. Pre-registration is required to attend email pcross@mt.gov.		
10:00 am – 11:30 am (Natatorium)	Information Technology Board Meeting (http://itsd.mt.gov/policy/councils/itb/itb.asp)		
10:00 am – 6:00	Trade Show	Trade Show Open 10:00 am – 6:00 pm	
12:00 – 1:30 Lunch & Keynote Address (Capitol/State)	Opening Remarks with Ron Baldwin, State CIO, LT Governor Angela McLean Keynote Commissioner, Pam Bucy Main Street Montana		
1:00 -2:30 (Natatorium)	Montana’s RFP Process – for Vendors A session geared towards educating vendors on engaging in Montana’s procurement process.		
1:00-4:00 (Capitol/State)	Local Government IT Group Meeting		
4:00 – 6:00	Drawings & No Host Bar and Appetizers – Vendor Show Area		

Gold Sponsors



2014 Montana Government Information Technology Conference

Wednesday, December 10, 2014

7:30 – 8:45

(Judicial)

State CIO and Local Government Breakfast Meeting

9:00– 10:00

**Keynote
Address**

**Conference Kickoff-Keynote
Don Friesen, Comedian**

(Ballroom)

**10:15 –11:15
Breakout Sessions**

Securing Data, Networks & People (Capitol Room)

“Leveraging the Cloud for Hybrid Video Surveillance”

Presenter: Matt Bennett, Genetec

With the proliferation of cloud technologies in the marketplace, learn how Genetec is developing unique applications that leverage the power of the cloud to ease the burden of day to day security tasks. Genetec’s cloud offering is a first in the video surveillance and license plate recognition industry, and is easing the transition into IP based video surveillance.

Networking and Convergence (State Room)

“Data Center Interconnect & SDN Technologies”

Presenter: Robert Richardson, Cisco Systems

Learn about how Data Center Interconnect (DCI) solutions can help your IT organization meet business continuity and corporate compliance objectives such as reducing the business impact of disaster events and help ensure business continuity, improve productivity through enhanced application and data availability, and meet corporate and regulatory compliance needs and improve data security. SDN helps accomplish these business objectives by converging the management of network and application services into centralized, extensible orchestration platforms that can automate the provisioning and configuration of the entire infrastructure.

Doing Business Better (Natatorium)

“Updates to Montana State Contracts and Procurement Process”

Presenters: Penny Moon and Brad Sanders, Department of Administration

Did you know that the State has three distinct IT contracting tools? We will discuss the different uses for the IT Contract vs. SaaS Agreement vs. Licensing Agreement. The State’s Master Contract for IT Services will be expiring June 30, 2016. We need your help drafting the new RFP and contract to fit the changing needs of the IT users. How has this contract worked well for you? How has it failed to meet your needs? What changes would you like to see? We will also be discussing the transition plan for moving projects from the current contract to the new one. Lots of exciting stuff to talk about so we can get you the *best* product possible!

Wednesday, December 10, 2014 (Continued)

10:15 –11:15 Breakout Sessions Continued

Computing Technologies Explored (Clark Room)

“Unified Communications – Expanding the capabilities and useful life of your existing communication systems, while building a foundation for the future”

Presenter: **Cerium Networks**

The fork lift approach to upgrading your communication systems may not be practical, or even an option for a variety of reasons. In our session we will review some effective approaches to evolving your systems, to add functionality and to address new business requirements without the fork lift.

Integrating solutions from the Unified Communication industry leaders with existing systems offers the opportunity of delivering new capabilities for your user community and at the same time laying a foundation that can be built upon for your longer term Unified Communication roadmap.

Managing Projects (Lewis Room)

“The Many Hats of an IT Project Manager”

Presenter: **Tony Etherington, Montana Department of Transportation**

Because we may be required to take on multiple roles on one project it is our responsibility to understand each role and maintain the self-discipline to focus on each role and its value to the project.

- What are the roles an IT analyst performs on a project?
- What is the focus of each role?
- How do roles conflict with each other?

Under the Hood Tech Sessions (Gallery Room)

“WebDefend Web Application Firewall”

Presenter: **Kevin Mayoros, Product Manager, Trustwave Inc.**

Web applications have evolved from simple sites containing non-critical information to complex multi-tiered applications at the forefront of business. With that, core business data is now exposed on public networks creating an opportunity for cyber criminals to steal it. Web application security is no longer optional. It is now an essential part of doing business on the Web. See how WebDefend (WAF) can give you that visibility into what happening to you site.

Microsoft Hands on Lab (Montana Room)

“What’s new and different in SharePoint between 2010 & 2013”

Brief Summary: SharePoint – find out some of the new features and key differences between 2010 and 2013. Learn about how new discovery and data loss prevention features work, how you can easily integrate document level encryption, what the differences are between a MySite and a OneDrive for Business Site and more.

Intended Audience: Power / End User

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**Wednesday, December 10, 2014
(Continued)**

**11:30 – 1:30
Lunch
&
Key Note**

**Lunch
ITMC Awards and Key Note
Kristen Russell, Deloitte**

**1:45 – 2:45
Breakout Sessions**

Securing Data, Networks & People (Capitol Room)

“Montana Forensics”

Presenter: **Jimmy Weg, Montana Department of Justice**

Montana’s Computer Crime Unit: who we are, what we do, and just what is “computer forensics”?

Networking and Convergence (State Room)

“State of SummitNet”

Presenters: **Kris Harrison (Bureau Chief – Network Technology Services Bureau),
Ron Heilman (Network Manager), Vince Crewey (Voice Manager) – SITSD State of Montana**

During this session SITSD will be discussing the strategic direction of the statewide SummitNet network as well as the major upgrades to the State’s SummitNet network infrastructure. This session will also include an overview on how SITSD has improved the capabilities of the voice, video, and data network over the last year and how that impacts SITSD service offerings from an enterprise perspective. We will talk about the improved capabilities at the State of Montana data centers in Helena and Miles City along with new partnerships and collaborations across State lines.

Doing Business Better (Natatorium)

“The Changing Role of IT Vendor Management: Optimizing the Options, Managing the Risks”

Presenter: **Gayla Sullivan, Gartner Analyst**

New technologies offer great opportunities to exploit IT vendor products and capabilities in dramatic new ways to deliver innovation and business results. In this session, we address how those new options bring a set of complexities and risks to the responsibilities of vendor management.

Computing Technologies Explored (Clark Room)

“DEQ Mobile – A GIS Integrated data collection and collaboration solution”

Presenters: **Nat Carter & Chris Stump, Montana Department of Environmental Quality**

Overview and Demo of DEQ Mobile, a solution to provide DEQ with the ability to collect, view, and collaborate with spatially attributed data in the field using mobile devices and apps. Synchronization of the app with DEQ’s databases are handled via secure web services through a 3rd party Saas, AmigoCloud. We will discuss why we sought out this type of solution, how we’re implementing it, as well as the pitfalls and hurdles in managing such a system for our entire Agency.

**Wednesday, December 10, 2014
(Continued)**

<p>1:45 –2:45 Breakout Sessions Continued</p>	<p>Managing Projects (Lewis Room)</p> <p>“OPI Direct Certification Application Case Study”</p> <p>Presenter: Fred Seip, Aspect Software</p> <p>This presentation will review some of the keys to successfully working with Contractors on the delivery of the OPI Direct Certification project.</p> <ul style="list-style-type: none"> • Explain how application of waterfall methodology combined with some relevant aspects of agile methodology contributed to successful delivery of the project. • Discuss how adherence to PMI’s project management methodology helped achieve project goals. • Describe how the Contractor team collaborated successfully with the client at every stage of the project. • Explain best practices for Contractor engagement. <p>Under the Hood Tech Sessions (Gallery Room)</p> <p>“Managing your Unstructured Data with Varonis Systems”</p> <p>Presenter: Kevin Santarina, Varonis Systems</p> <p>Gain Visibility and Control over your unstructured data across multiple platforms; Windows File Shares, Exchange, Sharepoint, Active Directory, SAN and NAS devices. Quickly address questions such as:</p> <ul style="list-style-type: none"> • Who has access to the data? What level of permissions do they have and why? • What are users doing with that Access? (audit history) • Where am I oversubscribed with access? (Global Access Groups, Everyone, etc.) • Who is the Data Owner? • Where does the Stale Data reside on my network? • Do I have sensitive / classified data on my network? Who has access to it, who is accessing it and what are they doing with it? <p>Microsoft Hands on Lab (Montana Room)</p> <p>“What’s new and different in Lync between 2010 & 2013”</p> <p>Brief Summary: Lync – find out some of the new features and key differences between 2010 and 2013. Learn about how integration with Exchange makes discovery easier than ever, how persistent chat replaces activity feeds, how tabbed view and gallery view can make collaboration more efficient, and more.</p> <p>Intended Audience: Power / End User</p>
<p>3:00 –4:00 Breakout Sessions</p>	<p>Securing Data, Networks & People (Capitol Room)</p> <p>“Smarter Prevention Against, Advanced Threats”</p> <p>Presenter: Christopher Beier, IBM Trusteer</p> <p>By all accounts, prevention against advanced threats is getting harder. Traditional tools are failing to stop attacks and advanced malware, and vulnerabilities are being exploited by attackers. A dynamic, proactive approach is needed with smarter prevention on the network and endpoints to break the chain. Learn new strategies to protect against unknown, zero-day threats and advanced malware, without impacting user productivity.</p>

**Wednesday, December 10, 2014
(Continued)**

**3:00 –4:00
Breakout Sessions Continued**

Networking and Convergence (State Room)

“Data Center Requirements for Tomorrow’s Applications”

Presenter: Josh Howell, EMC

Mobile applications, digital marketing, and advanced analytics are changing how people want to interact with departments and agencies. Mobile technologies represent tremendous opportunities to provide better service and satisfaction, while simultaneously gathering better information, and becoming more efficient service providers. However, these future applications and services require different approaches to selecting vendors, prioritizing projects, and orchestrating datacenter operations. Join us for real-world stories of how organizations are leveraging these technologies, as well as a review of what IT professionals should be doing today to get ahead of where the ball is going next.

Doing Business Better (Natatorium)

“Social Media Governance”

Presenter: Genifer Graff, IBM

The session will cover the potential benefits of social media use, the governance implications of not enforcing a social media policy, how to assure compliance throughout your agency, whether a tweet or a post is actually a record, and the options for capturing and retaining social media posts. The presentation will include:

- How to conduct proper retention practices for social media posts
- How to capture social media posts as part of the state records management program
- How to summarize for others ways to ensure social media compliance and accountability throughout your agency or organization

Computing Technologies Explored (Clark Room)

“Innovation and Collaboration through Geography: Leveraging the State of Montana Geospatial platform for greater analytic insight, smarter decision, citizen engagement and improved outcome.”

Presenter: Nathalie Smith, Esri

ArcGIS Online and ArcGIS for State Government give you everything you need to create interactive web maps and apps that you can share with anyone. With ready-to-use content, apps, and templates, you can be productive right away.

This presentation will showcase the ArcGIS Online and ArcGIS tools that are available to all Montana state agencies through the State of Montana – Esri Enterprise Agreement. It will also highlight how agencies can get started with ready-to-use content, apps, and templates, as well as the more in depth developer tools.

**Wednesday, December 10, 2014
(Continued)**

**3:00 –4:00
Breakout Sessions Continued**

Managing Projects (Lewis Room)

Project Estimating: 3 Pillars to Successful Project Estimation Learned the Hard Way”

Presenter: **William Carroll, Deloitte**

As IT executives and stakeholders, the ability to accurately estimate the cost/timeline of an IT project may very well be the number one priority. Get the estimate right, and you should be able to avoid the largest project pitfalls. But why is it that so few project estimates hold up? During this session we will go dive deep into the complexities of the project estimation process to look for clues as to how to make substantial improvements into this critical area of IT management.

Under the Hood Tech Sessions (Gallery Room)

“Integrating with E-Pass Montana”

Presenters: **Greg Snortland, Montana Interactive & Denise Adamson, SITSD**

This presentation will give an overview of how to integrate a .Net service with ePass Montana. Discussion Topics include:

- What is ePass Montana?
- What are the benefits of using ePass Montana?
- How do you get started with ePass Montana?
- Understanding ePass SSO and more.

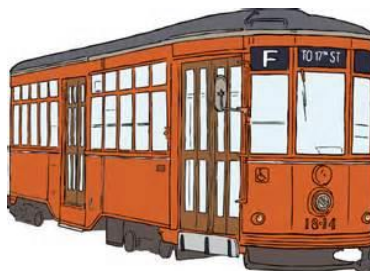
Microsoft Hands on Lab (Montana Room)

“Administering Office Desktop 365 deployment & OneDrive for Business”

Brief Summary: Office 365 lets you install Office on up to 5 desktop / laptops (as well as 5 tablet devices, as well as 5 phone devices), all from an end-user focused self-service portal. This session will focus on how the administration and reporting tools work for this innovative deployment technique. Office 365 also includes a DropBox, Box, Cubby, gDrive type local sync-to-cloud storage feature – this session will focus on the administrative aspects of OneDrive for business, in particular how to discover documents for an employee no longer with the state.

Intended Audience: Administrators

2014 Brew Trolley



Leaves the Colonial Red Lion at 4:30 and returns by 10:00
Blackfoot River Brewery – Lewis and Clark Brewery

2014 Montana Government Information Technology Conference

Thursday, December 11, 2014

**9:00 -10:00
Keynote**

Keynote: John Sileo, The Sileo Group

**10:15 -11:15
Breakout Sessions**

Securing Data, Networks & People (Capitol Room)

“Low Tech Threats in a High Tech Environment”

Presenters: Kevin B. McDonald, CHPSE Noloki Healthcare IT & Compliance , Scott Fairchild, Charter Business

Real World Examples of How to Protect Your Data, Prepare Your Network, and Maintain Compliance While Doing Your Day Job. An expert panel will discuss some of the many challenges and amazing opportunities presenting themselves in Government IT. Don't miss what promises to be an enlightening discussion that will include real world examples of testing, failures and wins in the world of security and compliance.

- Security: More than firewalls and intrusion prevention: Physical security vs. electronic security vs. social engineering
- Regulations Compliance: Practical advice to meet increasingly complex regulations
- Criminal Justice Information System requirements
- Laying the Foundation for Future Technology: The importance of the right network

Networking and Convergence (State Room)

“Software Defined Networking (SDN) – Getting the Most Out of Your Network”

Presenter: Dave Jameson, Fujitsu Network Communications, Inc

In his presentation, Dave Jameson will describe how SDN is capable of creating a programmable network by taking both next-generation systems and existing infrastructure and making them substantially more dynamic. As a result networks are better able to continually deliver the network performance and availability that allows employees to do their jobs and citizens to access online government resources. Jameson will also explain how bringing disparate systems and technologies together under a common management system allows agencies to more easily identify underutilized resources, extracting value that would otherwise be wasted.

Doing Better Business (Natatorium)

“Data Collaboration with the Montana Data Portal”

Presenter: Kenny Kyler, DOA SITSD

The Montana Data Portal is a critical piece of Governor Steve Bullock's transparency and eGovernment Initiative and the State CIO Ron Baldwin's Strategic IT Plan. The Montana Data Portal acts as a data repository that provides data sharing opportunities for business intelligence, analysis, correlations, charting, graphing and trending between datasets from multiple state organizations presenting decision makers information previously not available. The basic idea is you publish data one time, update it, and then quickly deploy multiple interfaces to that same data by leveraging APIs and ready-to-deploy Web and mobile apps.

**Thursday, December 11, 2014
(Continued)**

**10:15 -11:15
Breakout Sessions
Continued**

Local Government IT Group Meeting (Governor Room)

Under the Hood Tech Sessions (Clark Room)

“Top Five Ways to Add Value to your DNN Website”

Presenter: **Rennan Rieke, SITSD**

Learn to use advanced DNN modules, and see demonstrations of SITSD’s Most Popular DNN Modules. We will focus on the top five most popular modules. We will show you how to use some of DNN’s flashier, bigger bang-for-the-buck components and functionality.

Managing Projects (Lewis Room)

“Top 12 Lessons Learned from State Government Projects”

Presenters: **Tab Dougherty & Miranda Keaster, Department of Administration, SITSD**

This presentation will cover the State PMO’s process for gathering lessons learned for projects as well as reviewing and discussing the Top 12 most common lessons learned that we have observed over the 15+ sessions we have conducted. The projects covered in these lessons learned are from a variety of state agencies, but during the analysis of results, several patterns of lessons emerged.

Computing Technologies Explored (Gallery)

“Legacy Data Management: The role of file analysis, classification and remediation in a comprehensive Enterprise Content Management strategy.”

Presenter: **John Lontos, Info-First**

Explore a technology briefing and education session on document & records management.

Microsoft Hands on Lab (Montana Room)

“Administering Office Desktop 365 deployment & OneDrive for Business”

Brief Summary: Office 365 lets you install Office on up to 5 desktop / laptops (as well as 5 tablet devices, as well as 5 phone devices), all from an end-user focused self-service portal. This session will focus on how the administration and reporting tools work for this innovative deployment technique. Office 365 also includes a DropBox, Box, Cubby, gDrive type local sync-to-cloud storage feature – this session will focus on the administrative aspects of OneDrive for business, in particular how to discover documents for an employee no longer with the state.

- Intended Audience: Administrators

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**Thursday, December 11, 2014
(Continued)**

**11:30 – 1:30
Lunch
&
Key Note**

**“Consolidation – Lessons Learned”
A conversation with multiple states about their consolidation efforts.
Lunch & Panel Discussion**

**1:45 – 2:45
Breakout Sessions**

Securing Data, Networks & People (Capitol Room)

“Cyber Exercises 101”

Presenter: Jeff Wright, Support to DHS/NCCIC/US-CERT

This session provides an overview on how to develop and conduct cyber exercises, as well as highlights the National Cyber Exercise and Planning Program (NCEPP) Cyber Tabletop Exercise Package (CTEP).

Networking and Convergence (State Room)

“Mission Possible - Network Monitoring and Recon”

Presenter: Ray Carlson, SITSD State of Montana

SITSD’s network engineer will share what they are doing with Network visibility and how it relates to you. Topics will be SummitNet topology (how does my data navigate the network); how does SITSD analyze and monitor network traffic; data interpretations, and application finger printing.

Doing Business Better (Natatorium)

“To Be Announced”

Presenter: Wil Carroll, Deloitte

Under the Hood Tech Sessions (Clark Room)

“The Software Developer's Challenge: Securing Applications and Application Servers”

Presenter: Karin Ohlin and Barry Fox, State of Montana

This session is presented by two software engineers with a combined 60 plus years of experience as IT professionals. They take a holistic approach to look at many security aspects that should be considered when developing software. The session will cover heuristics and best practices pertaining to hardening software applications and applications servers.

**Thursday, December 11, 2014
(Continued)**

**1:45 – 2:45
Breakout Sessions
Continued**

Managing Projects (Lewis Room)

“How to Increase Project Success”

Presenter: **Anthony Cochenour, Hoplite Industries Inc.**

Based on extensive experience, Anthony presents attitudes and practices for planning and eaming, to ensure project success.

Focus on the full lifecycle – that includes planning!

- Pay significant attention to services across the lifecycle
- Services provided internally at various stages
- Services available from vendors/partners at various stages
- Plan holistically across the Enterprise
- Understand the “true” cost of ownership
- Identify and demand accountability

Computing Technologies Explored (Gallery)

“Storage Virtualization/Hyper-Converged Systems.”

Presenter: **Mat Remillard, Vmware**

Public Sector Organizations have saved billions of dollars in virtualizing their computer environments, and now many have started to take the next step in modernizing their storage. Come join VMWare as we discuss how modern data centers are architecting their environments to take advantage of new technologies and converged systems to further enable cost savings and agility.

Microsoft Hands on Lab (Montana Room)

“What’s new and different in Exchange / Outlook between 2010 & 2013”

Exchange / Outlook 2013 – find out some of the new features and key differences between 2010 and 2013. Learn about how new discovery and data loss prevention features work, how you can easily integrate document level encryption, what a Site Mailbox is, how social integration is built in and more.

Intended Audience: Power / End User

2014 Montana Government Information Technology Conference

**Thursday, December 11, 2014
(Continued)**

**3:00-4:00
Breakout Sessions**

Securing Data, Networks & People (Capitol Room)

“Data Tagging, Redaction, and Enhanced Network Security and Awareness - Protecting Your Sensitive Information in a Dangerous World”

Presenter: **TeraDact Solutions, Inc**

Threats to our data are increasingly more complex and attack vectors more sophisticated. As the dangers in the cyber world continue to change and become more lethal, our understanding of what information security is must also evolve. This panel will delve into the new security reality by examining the most up to date techniques and technologies available to assess network vulnerabilities and weaknesses and protect information at the data level and assured information sharing.

Networking and Convergence (State Room)

“Wireless Unplugged”

Presenter: **Mark Scherting, SITSD State of Montana**

SITSD’s wireless network engineer will provide a comprehensive look at the history of the State’s wireless network (how we got to where we are at), where we are now, and what does the future hold for wireless technology in the State of Montana.

Doing Business Better (Natatorium)

“Governance, Risk and Compliance”

Presenter: **John Daley, Dell**

A new poll reveals half of government agencies do not address network vulnerabilities proactively, impacting security compliance and the ability to respond to threats. Governance, risk and compliance put are necessary to keep your data secure and your agency in compliance with federal mandates. In this session, you'll learn how to

- Prepare for successful audits
- Prevent loss of critical data
- Keep up with new and existing mandates
- Respond to internal and external data requests

Experts will share the results of new research revealing:

- The top federal IT governance and compliance concerns
- Differences between reactive and proactive agencies; Strategies to move your agency from reactive to proactive and implement compliance in real time.

Under the Hood Tech Sessions (Clark Room)

“Agile Software Development (Geeks and Other Peeps)”

Presenter: **Kevin McManus, VP of Technology Solutions IKUW**

The agile philosophy places the focus on the true engine of software development projects, the people. Explore the best practices of software development and how they relate to the core values and principles of the agile philosophy. Learn how design patterns, anti-patterns, coupling and cohesion, emotional intelligence and the expectations/accountability loop can lead to amazing software.

2014 Montana Government Information Technology Conference

Thursday, December 11, 2014 (Continued)

3:00-4:00 Breakout Sessions Continued

Managing Projects (Lewis Room)

“Managing a GIS Project: DNRC’s State Water Plan”

Presenter: **Kreh Germaine & Drew Swayne, DNRC**

In this session, we’ll discuss how to approach a geospatial project. From obtaining stakeholder buy-in, balancing resources, maintaining scope and schedule, to final delivery and documentation, the DNRC GIS team delivered a new Enterprise geodatabase and over 140 unique cartographic map products all in about 100 days.

Computing Technologies Explored (Gallery)

“Technologies to watch: What comes after Mobile?”

Presenter: **John Herrman, R&D Analyst, NIC**

“Mobile” has become ubiquitous, expected, even normal. Where does that leave us for future innovation? What are the possible trends in technology that could impact how we interact with citizens and each other? In this session we will talk about the various technologies that have just started to appear, some that just can’t seem to find their niche, and those that have finally reached their potential.

Microsoft Hands on Lab (Montana Room)

“What’s new and different in SharePoint between 2010 & 2013”

SharePoint – find out some of the new features and key differences between 2010 and 2013. Learn about how new discovery and data loss prevention features work, how you can easily integrate document level encryption, what the differences are between a MySite and a OneDrive for Business Site and more.

Intended Audience: Power / End User

Friday, December 12, 2014

9:00 – 12:00 Cyber Exercise

“#OpDigitalTreasure”

Presenter: **Jeff Wright, Support to DHS/NCCIC/US-CERT**

Montana State Information Technology Services Division (SITSD) and Homeland Security will conduct a three-hour discussion-based exercise to increase cybersecurity preparedness among Montana’s state and local information technology and information security personnel. This group interactive exercise offers participants a chance to exchange ideas and perspectives with colleagues and other professionals in response to a cyber -scenario.